

Noah Boursier

Objective: To embark on a career working with others to create efficient and useful machines, systems or programs.

8715 Putnam Ct.
Dublin, CA 94568
925.549.5216
noahboursier@gmail.com

SKILLS & ABILITIES

- Developed a variety of electro-mechanical robotic systems and devices using 3D CAD
- Experience with programming software, such as: Python, HTML/CSS, Bootstrap, JAVA, variants of C, and understands code logic
- Interests in philosophy, music, art, chemistry and Spanish
- A team leader who can quickly adapt to changes, reach compromises, and is resourceful

EDUCATION

Dublin High School / Junior, 4.20 GPA

Engineering and Design Pathway Courses: Principles of Eng., Computer Science/Software Eng.

Advanced Placement Courses: Computer Science, Calculus, Chemistry, English Language

WORK & VOLUNTEERING EXPERIENCE

High School Vex Robotics Club / Extracurricular Activity August 2015 - Current, Dublin CA

Team captain in robotics club. Design, construct, and program robots to compete in tournaments.

Bennett Graphics / Summer job June 2018 - August 2018, Pleasanton CA

Employee at Bennett Graphics, a sign design and manufacturing group. Programmed and operated computer controlled routers to cut plastics and metal for signs.

Broadway Motor and Muffler / Summer job June 2017 - August 2017, Dublin CA

Part-time assistant at an auto repair shop. Developed a work ethic and learned about automotive systems. Changed oil, repaired brake systems, replaced spark plugs, bent mufflers into proper configuration for installation, identified and solved various electrical and mechanical issues.

Fallon Engineering Labs / Volunteer aid January 2016 - April 2016, Dublin CA

Helped teach a weekly digital electronics class for middle schoolers. Taught basic digital electronics concepts and programming of Raspberry Pi mini-computers in Python. Assured no LEDs exploded.

HIGHLIGHTS & AWARDS

Robotics: Team qualified for state and worlds championships in 2017 and 2018. Teams won multiple awards for excellence in robot design process, teamwork, and community outreach.

Alameda County Science Fair: Won first place in mechanical engineering category for programmed medication dose dispenser project.

Texas Instruments Online Challenge: Won second place in international competition to reverse engineer electronic devices.

HOBBIES & INTERESTS

Robotics, chess, building, climbing, coding, hiking, and gaming. Interested in aviation, theoretical physics dilemmas, exploring why and how phenomena occur, understanding the world.

WEBSITE

<https://noahboursier.github.io/Website/#/home>